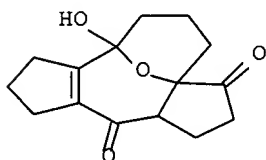
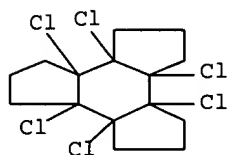


L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS  
 AN 2001:514240 CAPLUS  
 DN 135:257356  
 TI One-Step Transformation of Tricyclopentabenzene (Trindane, C<sub>15</sub>H<sub>18</sub>) to Bicyclo(10.3.0)pentadec-1(12)ene-2,6,7,11-tetrone (C<sub>15</sub>H<sub>18</sub>O<sub>4</sub>) and Its Aldol Product, 12-Hydroxy-16-oxatetracyclo(10.3.1.0.1,507,11)hexadec-7(11)ene-2,6-dione (C<sub>15</sub>H<sub>18</sub>O<sub>4</sub>)  
 AU Ranganathan, Subramania; Muraleedharan, K. M.; Rao, Chandrashekhar; Vairamani, M.; Karle, Isabella L.  
 CS Discovery Laboratory, Indian Institute of Chemical Technology, Hyderabad, 500 007, India  
 SO Organic Letters (2001), 3(16), 2447-2449  
 CODEN: ORLEF7; ISSN: 1523-7060  
 PB American Chemical Society  
 DT Journal  
 LA English  
 AB Ozonolysis of trindane largely results in bicyclo(10.3.0)pentadec-1(12)ene-2,6,7,11-tetrone and 12-Hydroxy-16-oxatetracyclo(10.3.1.0.1,507,11)hexadec-7(11)ene-2,6-dione, having features similar to several classes of natural products. The retention of the C<sub>15</sub> pericycle suggests preference for the cleavage of .pi.-bonds endo to the cyclopentane ring. This unique property of trindane offers opportunities for synthesis of complex natural products from this hydrocarbon that can be made in quantity by acid-catalyzed trimerization of cyclopentanone.  
 IT **361342-86-1P**  
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (crystal structure; transformation of tricyclopentabenzene to bicyclopentadecenetetrone and aldol product, hydroxyoxatetracyclohexadecenedione)  
 RN 361342-86-1 CAPLUS  
 CN 3a,7-Epoxy-3aH-dicyclopenta[a,d]cyclononene-3,11(2H,4H)-dione, 1,5,6,7,8,9,10,11a-octahydro-7-hydroxy- (9CI) (CA INDEX NAME)



RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

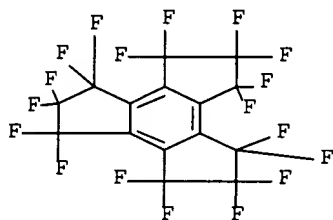
L9 ANSWER 1 OF 6 REGISTRY COPYRIGHT 2002 ACS  
RN 109510-98-7 REGISTRY  
CN **Trindan, 3a,3b,6a,6b,9a,9b-hexachlorohexahydro-** (6CI) (CA INDEX  
NAME)  
FS 3D CONCORD  
MF C15 H18 Cl6  
SR CAOLD  
LC STN Files: BEILSTEIN\*, CAOLD  
(\*File contains numerically searchable property data)



**\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\***

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

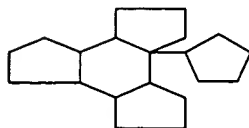
L9 ANSWER 2 OF 6 REGISTRY COPYRIGHT 2002 ACS  
RN 33021-47-5 REGISTRY  
CN 1H-Trindene, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-octadecafluoro-  
2,3,4,5,6,7,8,9-octahydro- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN **Trindan, octadecafluoro- (8CI)**  
FS 3D CONCORD  
MF C15 F18  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, USPATFULL  
(\*File contains numerically searchable property data)



**\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\***

6 REFERENCES IN FILE CA (1967 TO DATE)  
6 REFERENCES IN FILE CAPLUS (1967 TO DATE)

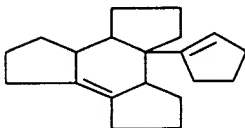
L9 ANSWER 3 OF 6 REGISTRY COPYRIGHT 2002 ACS  
RN 10515-95-4 REGISTRY  
CN **Trindan, 3a-cyclopentylhexahydro-** (7CI, 8CI) (CA INDEX NAME)  
MF C20 H32  
LC STN Files: BEILSTEIN\*, CAOLD  
(\*File contains numerically searchable property data)



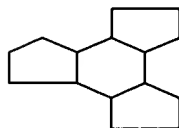
**\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\***

2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L9 ANSWER 4 OF 6 REGISTRY COPYRIGHT 2002 ACS  
RN 10503-81-8 REGISTRY  
CN 1H-Trindene, 3a-(1-cyclopenten-1-yl)-2,3,3a,3b,4,5,6,7,8,9,9a,9b-dodecahydro- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Trindan, 3a-(1-cyclopenten-1-yl)-3a,3b,9a,9b-tetrahydro- (7CI, 8CI)  
FS 3D CONCORD  
DR 76960-44-6  
MF C20 H28  
LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, USPATFULL  
(\*File contains numerically searchable property data)



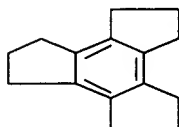
L9 ANSWER 5 OF 6 REGISTRY COPYRIGHT 2002 ACS  
RN 5687-94-5 REGISTRY  
CN 1H-Trindene, tetradecahydro- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN **Trindan, hexahydro-** (8CI)  
OTHER NAMES:  
CN Tetradecahydro-1H-trindene  
FS 3D CONCORD  
MF C15 H24  
LC STN Files: CA, CAPLUS



**\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\***

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

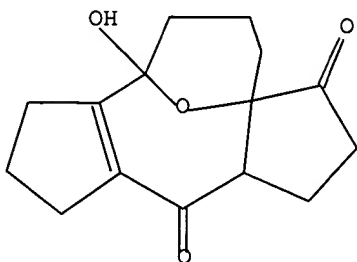
L9 ANSWER 6 OF 6 REGISTRY COPYRIGHT 2002 ACS  
RN 1206-79-7 REGISTRY  
CN 1H-Trindene, 2,3,4,5,6,7,8,9-octahydro- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN **Trindan** (6CI, 7CI, 8CI)  
OTHER NAMES:  
CN 1,2,3,4,5,6-Tricyclotrimethylenebenzene  
CN 2,3,4,5,6,7,8,9-Octahydro-1H-cyclopent[e]-as-indacene  
CN Tricyclotrimethylenebenzene  
FS 3D CONCORD  
MF C15 H18  
LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,  
CHEMINFORMRX, HODOC\*, SPECINFO  
(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

32 REFERENCES IN FILE CA (1967 TO DATE)  
32 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
12 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d l1; d his  
L1 HAS NO ANSWERS  
L1 STR



Structure attributes must be viewed using STN Express query preparation.

(FILE 'REGISTRY' ENTERED AT 14:43:31 ON 29 APR 2002)  
DEL HIS Y  
L1 STRUCTURE UPLOADED  
L2 0 S L1  
L3 1 S L1 FUL

FILE 'CAPLUS' ENTERED AT 14:44:48 ON 29 APR 2002  
L4 1 S L3

FILE 'BEILSTEIN' ENTERED AT 14:45:26 ON 29 APR 2002  
L5 0 S L1  
L6 0 S L1 FUL

FILE 'MARPAT' ENTERED AT 14:45:56 ON 29 APR 2002  
L7 0 S L1  
L8 0 S L1 FUL

FILE 'REGISTRY' ENTERED AT 14:46:17 ON 29 APR 2002  
L9 6 S TRINDAN?/CN  
E L9  
L10 149 S E3

=> log y		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	20.96	271.34
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.62

STN INTERNATIONAL LOGOFF AT 14:49:19 ON 29 APR 2002